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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

Junichi KARASAWA and Kunio WATANABE both of Nagano-ken, Japan.

Serial No: Not assigned

Filed: March 5, 2002

For: SEMICONDUCTOR DEVICE, MEMORY SYSTEM AND ELECTRONIC APPARATUS

Box PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

- ☒ 22 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 38 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☐ An assignment of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.
- ☒ A certified copies of Japanese Patent Application Nos. 2001-088309 filed March 26, 2001 and 2001-333097 filed October 30, 2001 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☒ IDS enclosed (☒ with 1 reference(s)).
- ☐ Preliminary Amendment is enclosed.
- ☐ Application data sheet is enclosed. See 37 CFR 1.76.
- ☒ Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	33	-20	13	LG=\$18 SM=\$9	\$18
B INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$84 SM=\$42	\$84
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					234
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 280
E BASIC FEE				LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370	\$ 740
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 1254
G ASSIGNMENT RECORDING FEE				\$ 40	\$ 40
*LIST INDEPENDENT CLAIMS 1.					

- ☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- ☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 C.F.R. 1.16
- ☐ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
 HOGAN & HARTSON L.L.P.

By:

Anthony J. Orler
 Registration No. 41,232
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Date: March 5, 2002

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Art Unit: Not assigned

Examiner: Not assigned

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Washington, D.C. 20231

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ patent application (38 page(s) of specification; 33 claim(s); 1 page(s) of abstract
- ☒ 22 sheet(s) of formal drawings
- ☒ certified copies of Japanese patent application Nos. 2001-088309 filed March 26, 2001 and 2001-333097 filed October 30, 2001 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 1 reference
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Commissioner for Patents

Washington, D.C. 20231.

Date: March 5, 2002

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Emily Cruz

Name of person mailing papers

Signature